

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

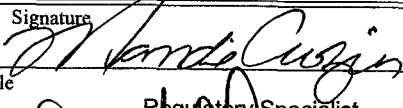
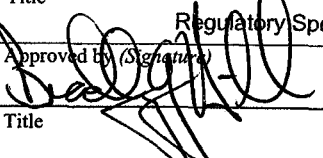
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-020252A
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal H-6-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33444
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2122' FNL 1938' FEL At proposed prod. zone SW/NE 1320' FNL 2622' FEL		10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 6, T9S R17E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximately 13.8 miles southeast of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/ise, 1320' f/unit	16. No. of Acres in lease 637.35	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1455'	19. Proposed Depth 6220'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5319' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/9/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-30-07
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Surf 581362Y
4434789Y
40.061324
-110.046010

BLU 581152X
4435031Y
40.063520
-110.048441

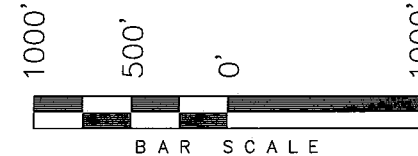
Federal Approval of this
Action is Necessary

RECEIVED
JAN 16 2007
DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT H-6-9-17,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 6, T9S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



Note:

1. The bottom of hole (H-6-9-17 SW/NE) bears N40°30'41"W 1053.66' from the Top of Hole.
2. The Proposed Top of Hole bears N75°15'11"W 2004.45' from the East 1/4 Corner of Section 6.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-02-06	SURVEYED BY: D.G.
DATE DRAWN: 11-16-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

N89°58'E - 78.31 (G.L.O.)

2533.40' (Measured)

N89°58'E G.L.O. (Basis of Bearings)

1910
Brass Cap

180°
G.L.O.

Corner
Missing

Brass Cap 18.31

20.00

40.00

20.03

LOT 1

LOT 2

LOT 3

LOT 4

20.00

2533'

1320'

2122'
(COMP)

2622'
(COMP)

1938'
(COMP)

20.00

1910
Brass Cap

180°
G.L.O.

20.00

40.00

40.00

40.00

40.00

40.00

40.00

40.00

40.00

40.00

40.00

**WELL LOCATION:
JONAH UNIT H-6-9-17**

ELEV. EXIST. GRADED GROUND = 5319'

N89°51'16"E - 5164.71' (Meas.)

N89°55'E - 78.50 (G.L.O.)

1910
Brass Cap 18.5

20.00

40.00

1910
Brass Cap

NORTH - 80.00 (G.L.O.)
N00°05'30"E - 2646.00' (Meas.)

N00°07'13"E - 2641.69' (Meas.)

40.00

40.00

40.00

40.00

40.00

40.00

40.00

40.00

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

JONAH UNIT H-6-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 40.68"
LONGITUDE = 110° 02' 48.73"

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #H-6-9-17
AT SURFACE: SW/NE SECTION 6, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2260'
Green River	2260'
Wasatch	6220'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2260' – 6220' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #H-6-9-17
AT SURFACE: SW/NE SECTION 6, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #H-6-9-17 located in the SW 1/4 NE 1/4 Section 6, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 8.9 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.4 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.1 miles \pm to the existing Allen Federal 32-6 well lcoation.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Allen Federal 32-6 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Allen Federal 32-6 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal H-6-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Jonah Federal H-6-9-17 will be drilled off of the existing Allen Federal 32-6 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 760' of disturbed area in Lease UTU-020252A to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale
Galletta Grass

Atriplex Centertifolia
Hilaria Jamesii

3 lbs/acre
6 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #H-6-9-17 was on-sited on 12/8/06. The following were present; Dave Allred (Newfeild Production), Kim Kettle (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

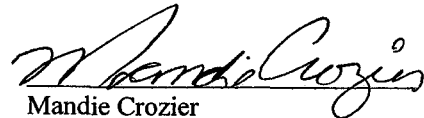
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-6-9-17 Section 6, Township 9S, Range 17E: Lease UTU-020252A Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/9/07

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

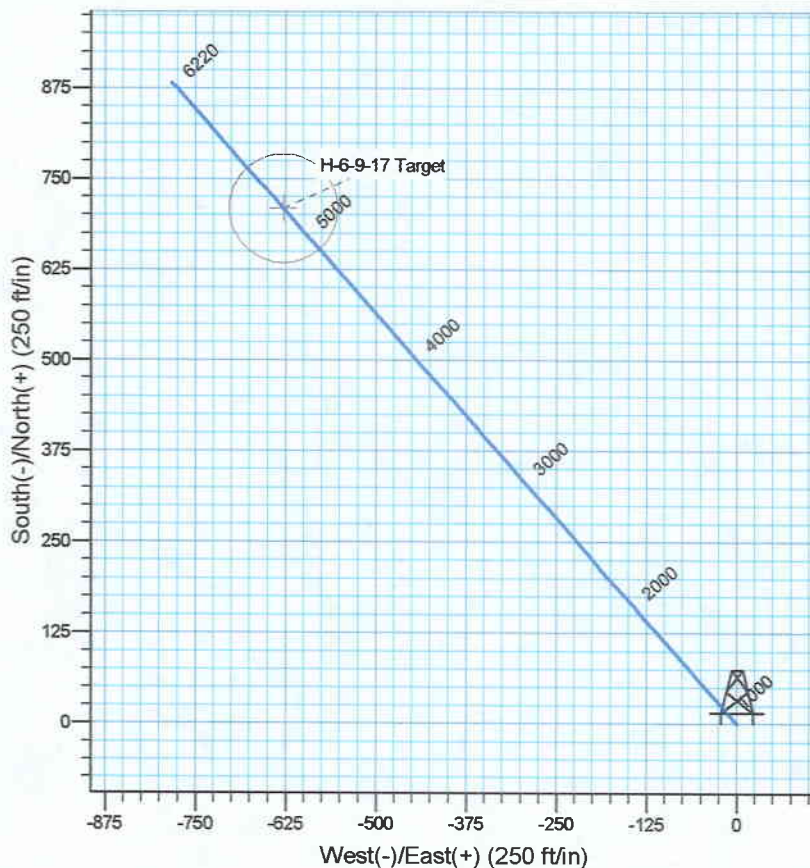
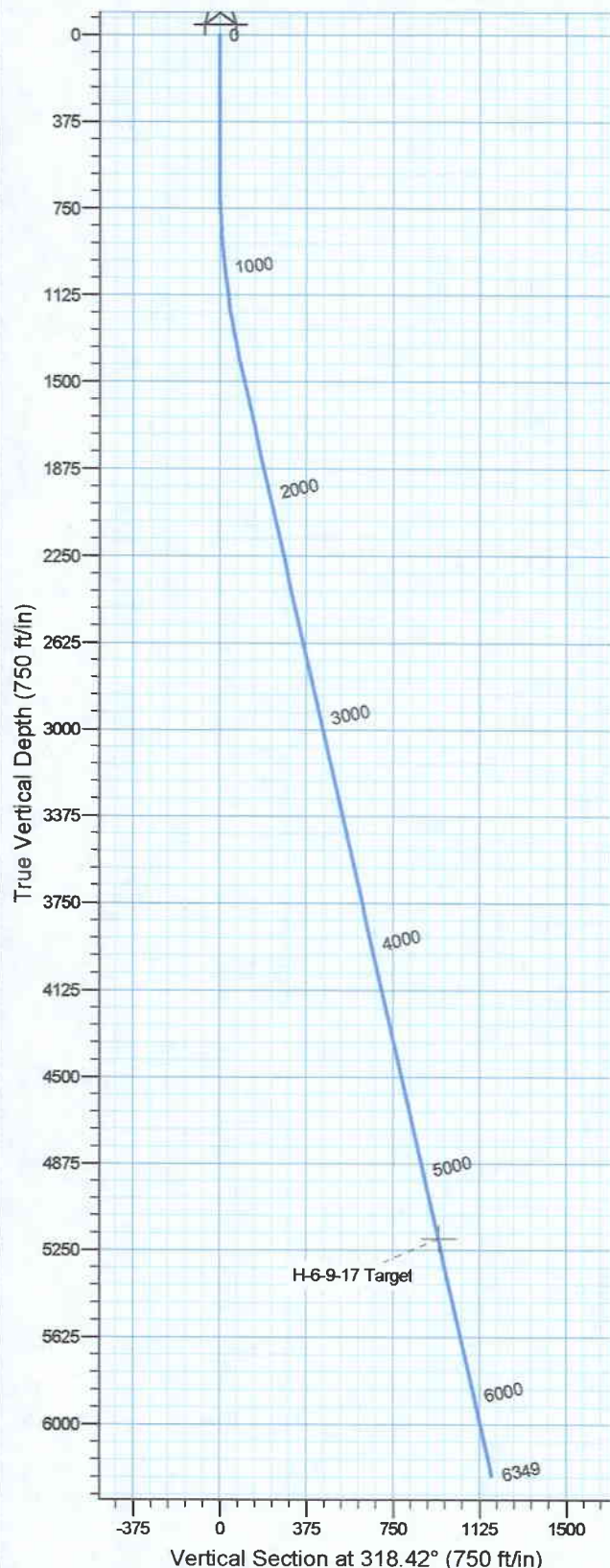


Azimuths to True North
Magnetic North: 11.87°

Magnetic Field
Strength: 52746.6nT
Dip Angle: 65.93°
Date: 2006-12-15
Model: IGRF2005-10

WELL DETAILS: Jonah Unit H-6-9-17

GL 5319' & RKB 12' @ 5331.00ft 5319.00
+N-S 0.00 +E-W 0.00 Northing 7194370.48 Easting 2047114.04 Latitude 40° 3' 40.680 N Longitude 110° 2' 48.730 W



FORMATION TOP DETAILS

Formation data is available

Plan: Plan #1 (Jonah Unit H-6-9-17/OH)

Created By: Julie Cruse Date: 2006-12-15

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: No north reference data is available

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1453.38	12.80	318.42	1446.30	71.01	-63.00	1.50	318.42	94.93	
4	302.75	12.80	318.42	5200.00	709.00	-629.00	0.00	0.00	947.80	H-6-9-17 Target
5	348.75	12.80	318.42	6220.00	882.36	-782.80	0.00	0.00	1179.55	

Newfield Exploration Co.

Duchesne County, UT

Jonah Unit H-6-9-17

Jonah Unit H-6-9-17

OH

Plan: Plan #1

Standard Planning Report

15 December, 2006

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit H-6-9-17
Well: Jonah Unit H-6-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit H-6-9-17
TVD Reference: GL 5319' & RKB 12' @ 5331.00ft
MD Reference: GL 5319' & RKB 12' @ 5331.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Jonah Unit H-6-9-17, Sec 6 T9S R17E		
Site Position:		Northing:	7,194,370.48 ft
From:	Lat/Long	Easting:	2,047,114.04 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40° 3' 40.680 N
		Longitude:	110° 2' 48.730 W
		Grid Convergence:	0.93 °

Well	Jonah Unit H-6-9-17, 2122' FNL, 1938' FEL		
Well Position	+N-S	0.00 ft	Northing: 7,194,370.48 ft
	+E-W	0.00 ft	Easting: 2,047,114.04 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 3' 40.680 N
		Longitude:	110° 2' 48.730 W
		Ground Level:	5,319.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2006-12-15	11.88	65.93	52,747

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)
	0.00	0.00	0.00	318.42

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,453.38	12.80	318.42	1,446.30	71.01	-63.00	1.50	1.50	0.00	318.42	
5,302.75	12.80	318.42	5,200.00	709.00	-629.00	0.00	0.00	0.00	0.00	H-6-9-17 Target
6,348.75	12.80	318.42	6,220.00	882.36	-782.80	0.00	0.00	0.00	0.00	

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit H-6-9-17
Well: Jonah Unit H-6-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit H-6-9-17
TVD Reference: GL 5319' & RKB 12' @ 5331.00ft
MD Reference: GL 5319' & RKB 12' @ 5331.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	318.42	699.99	0.98	-0.87	1.31	1.50	1.50	0.00
800.00	3.00	318.42	799.91	3.92	-3.47	5.23	1.50	1.50	0.00
900.00	4.50	318.42	899.69	8.81	-7.81	11.77	1.50	1.50	0.00
1,000.00	6.00	318.42	999.27	15.65	-13.89	20.92	1.50	1.50	0.00
1,100.00	7.50	318.42	1,098.57	24.44	-21.69	32.68	1.50	1.50	0.00
1,200.00	9.00	318.42	1,197.54	35.18	-31.21	47.03	1.50	1.50	0.00
1,300.00	10.50	318.42	1,296.09	47.85	-42.45	63.96	1.50	1.50	0.00
1,400.00	12.00	318.42	1,394.16	62.44	-55.39	83.47	1.50	1.50	0.00
1,453.38	12.80	318.42	1,446.30	71.01	-63.00	94.93	1.50	1.50	0.00
1,500.00	12.80	318.42	1,491.76	78.74	-69.86	105.26	0.00	0.00	0.00
1,600.00	12.80	318.42	1,589.27	95.31	-84.56	127.42	0.00	0.00	0.00
1,700.00	12.80	318.42	1,686.79	111.89	-99.26	149.57	0.00	0.00	0.00
1,800.00	12.80	318.42	1,784.30	128.46	-113.97	171.73	0.00	0.00	0.00
1,900.00	12.80	318.42	1,881.82	145.04	-128.67	193.89	0.00	0.00	0.00
2,000.00	12.80	318.42	1,979.33	161.61	-143.37	216.04	0.00	0.00	0.00
2,100.00	12.80	318.42	2,076.85	178.18	-158.08	238.20	0.00	0.00	0.00
2,200.00	12.80	318.42	2,174.36	194.76	-172.78	260.35	0.00	0.00	0.00
2,300.00	12.80	318.42	2,271.88	211.33	-187.49	282.51	0.00	0.00	0.00
2,400.00	12.80	318.42	2,369.39	227.90	-202.19	304.67	0.00	0.00	0.00
2,500.00	12.80	318.42	2,466.91	244.48	-216.89	326.82	0.00	0.00	0.00
2,600.00	12.80	318.42	2,564.42	261.05	-231.60	348.98	0.00	0.00	0.00
2,700.00	12.80	318.42	2,661.94	277.63	-246.30	371.13	0.00	0.00	0.00
2,800.00	12.80	318.42	2,759.45	294.20	-261.00	393.29	0.00	0.00	0.00
2,900.00	12.80	318.42	2,856.97	310.77	-275.71	415.45	0.00	0.00	0.00
3,000.00	12.80	318.42	2,954.48	327.35	-290.41	437.60	0.00	0.00	0.00
3,100.00	12.80	318.42	3,051.99	343.92	-305.11	459.76	0.00	0.00	0.00
3,200.00	12.80	318.42	3,149.51	360.50	-319.82	481.91	0.00	0.00	0.00
3,300.00	12.80	318.42	3,247.02	377.07	-334.52	504.07	0.00	0.00	0.00
3,400.00	12.80	318.42	3,344.54	393.64	-349.23	526.23	0.00	0.00	0.00
3,500.00	12.80	318.42	3,442.05	410.22	-363.93	548.38	0.00	0.00	0.00
3,600.00	12.80	318.42	3,539.57	426.79	-378.63	570.54	0.00	0.00	0.00
3,700.00	12.80	318.42	3,637.08	443.36	-393.34	592.69	0.00	0.00	0.00
3,800.00	12.80	318.42	3,734.60	459.94	-408.04	614.85	0.00	0.00	0.00
3,900.00	12.80	318.42	3,832.11	476.51	-422.74	637.01	0.00	0.00	0.00
4,000.00	12.80	318.42	3,929.63	493.09	-437.45	659.16	0.00	0.00	0.00
4,100.00	12.80	318.42	4,027.14	509.66	-452.15	681.32	0.00	0.00	0.00
4,200.00	12.80	318.42	4,124.66	526.23	-466.86	703.47	0.00	0.00	0.00
4,300.00	12.80	318.42	4,222.17	542.81	-481.56	725.63	0.00	0.00	0.00
4,400.00	12.80	318.42	4,319.69	559.38	-496.26	747.79	0.00	0.00	0.00
4,500.00	12.80	318.42	4,417.20	575.95	-510.97	769.94	0.00	0.00	0.00
4,600.00	12.80	318.42	4,514.71	592.53	-525.67	792.10	0.00	0.00	0.00
4,700.00	12.80	318.42	4,612.23	609.10	-540.37	814.25	0.00	0.00	0.00
4,800.00	12.80	318.42	4,709.74	625.68	-555.08	836.41	0.00	0.00	0.00
4,900.00	12.80	318.42	4,807.26	642.25	-569.78	858.57	0.00	0.00	0.00
5,000.00	12.80	318.42	4,904.77	658.82	-584.48	880.72	0.00	0.00	0.00
5,100.00	12.80	318.42	5,002.29	675.40	-599.19	902.88	0.00	0.00	0.00
5,200.00	12.80	318.42	5,099.80	691.97	-613.89	925.03	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit H-6-9-17
Well: Jonah Unit H-6-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit H-6-9-17
TVD Reference: GL 5319' & RKB 12' @ 5331.00ft
MD Reference: GL 5319' & RKB 12' @ 5331.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	12.80	318.42	5,197.32	708.54	-628.60	947.19	0.00	0.00	0.00
5,302.75	12.80	318.42	5,200.00	709.00	-629.00	947.80	0.00	0.00	0.00
H-6-9-17 Target									
5,400.00	12.80	318.42	5,294.83	725.12	-643.30	969.35	0.00	0.00	0.00
5,500.00	12.80	318.42	5,392.35	741.69	-658.00	991.50	0.00	0.00	0.00
5,600.00	12.80	318.42	5,489.86	758.27	-672.71	1,013.66	0.00	0.00	0.00
5,700.00	12.80	318.42	5,587.38	774.84	-687.41	1,035.81	0.00	0.00	0.00
5,800.00	12.80	318.42	5,684.89	791.41	-702.11	1,057.97	0.00	0.00	0.00
5,900.00	12.80	318.42	5,782.41	807.99	-716.82	1,080.12	0.00	0.00	0.00
6,000.00	12.80	318.42	5,879.92	824.56	-731.52	1,102.28	0.00	0.00	0.00
6,100.00	12.80	318.42	5,977.44	841.13	-746.22	1,124.44	0.00	0.00	0.00
6,200.00	12.80	318.42	6,074.95	857.71	-760.93	1,146.59	0.00	0.00	0.00
6,300.00	12.80	318.42	6,172.46	874.28	-775.63	1,168.75	0.00	0.00	0.00
6,348.75	12.80	318.42	6,220.00	882.36	-782.80	1,179.55	0.00	0.00	0.00

Targets

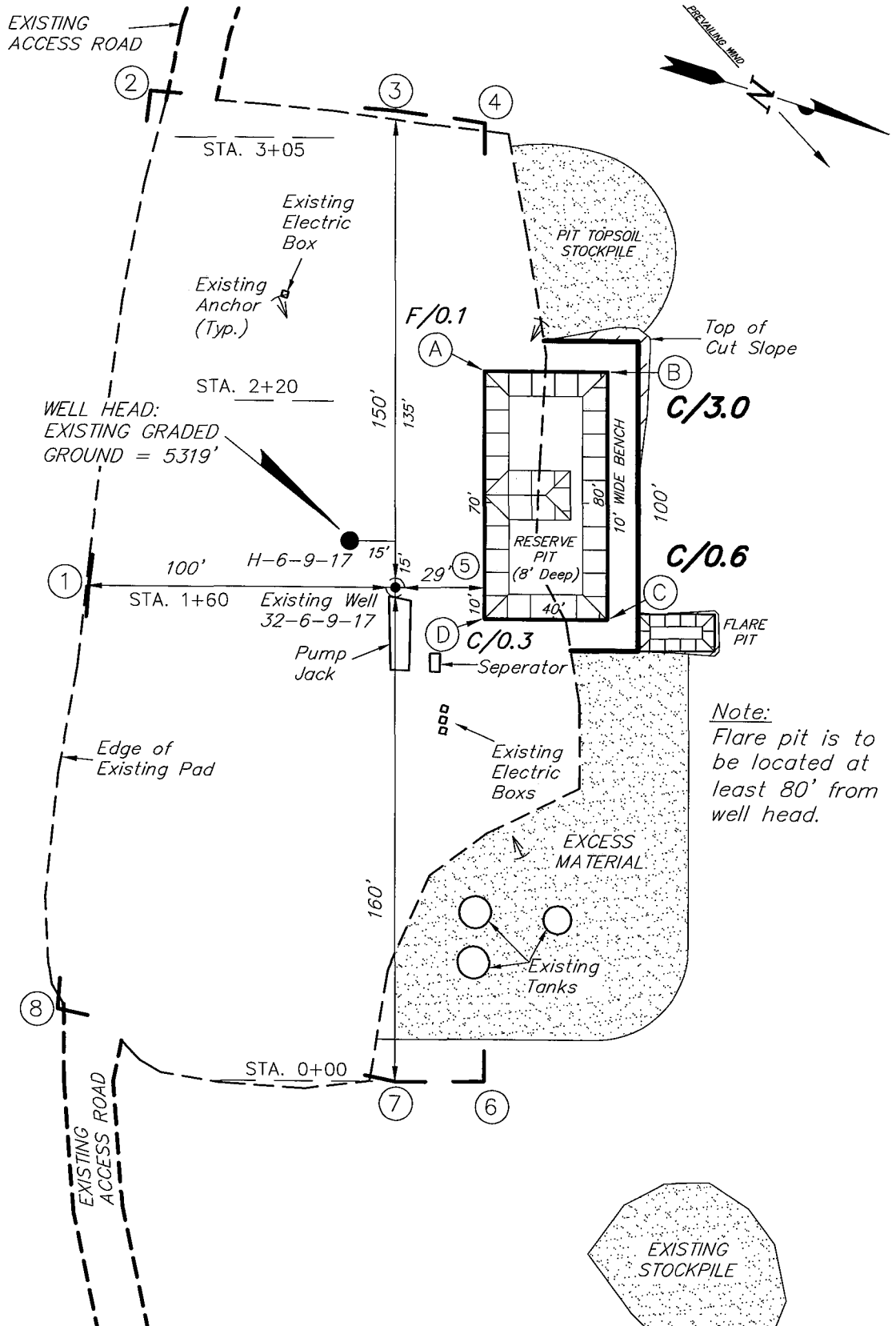
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
H-6-9-17 Target	0.00	0.00	5,200.00	709.00	-629.00	7,195,069.17	2,046,473.60	40° 3' 47.687 N	110° 2' 56.821 W
- plan hits target									
- Circle (radius 75.00)									

NEWFIELD PRODUCTION COMPANY

JONAH UNIT H-6-9-17 (Proposed Well)

JONAH UNIT 32-6-9-17 (Existing Well)

Pad Location: SWNE Section 6, T9S, R17E, S.L.B.&M.



SURVEYED BY: D.G.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-16-06

Tri State
Land Surveying, Inc.

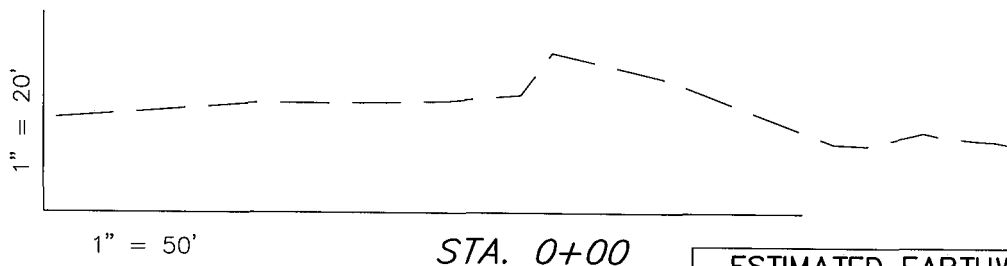
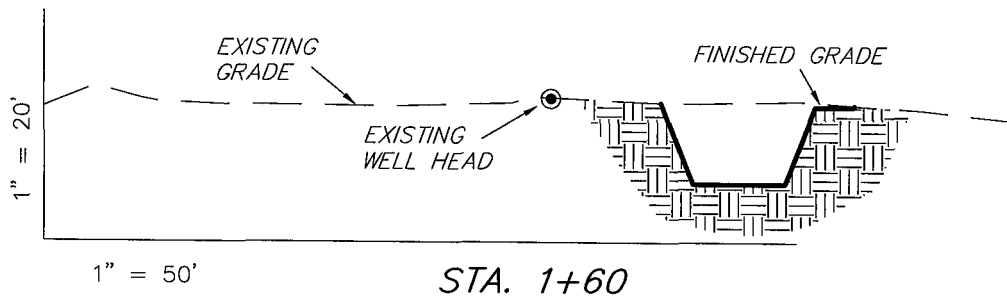
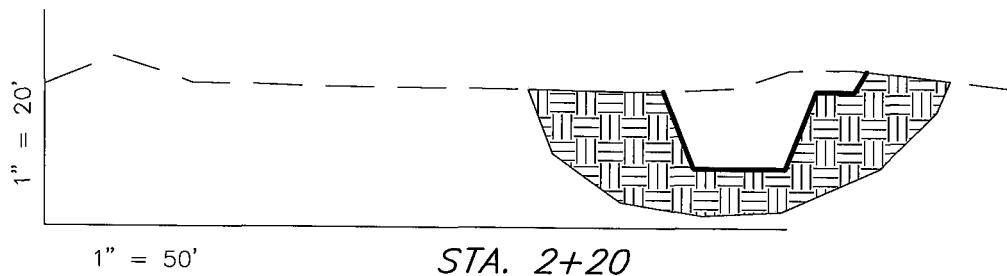
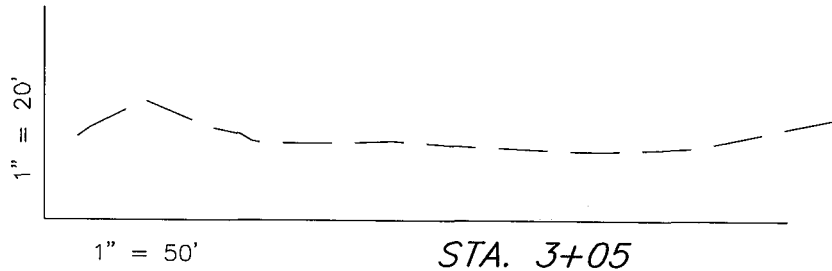
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT H-6-9-17 (Proposed Well)
JONAH UNIT 32-6-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT & FILL SLOPES ARE AT
1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	30	40	Topsoil is not included in Pad Cut	-10
PIT	640	0		640
TOTALS	670	40	120	630

SURVEYED BY: D.G.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-16-06

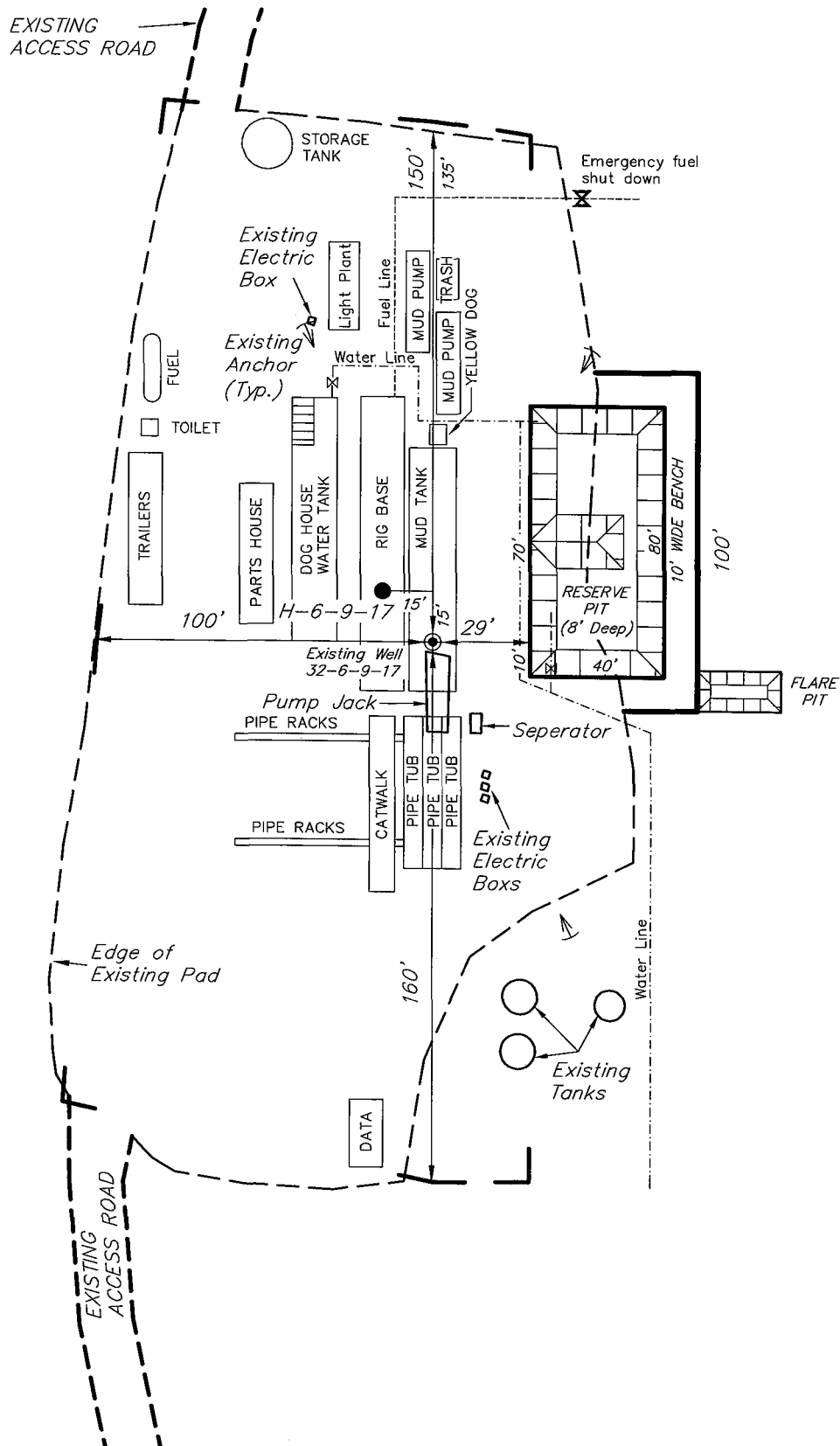
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT H-6-9-17 (Proposed Well)

JONAH UNIT 32-6-9-17 (Existing Well)



REVISED:

SURVEYED BY: D.G.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-16-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

Jonah Federal H-6-9-17

From the existing 32-6-9-17 Location

SW/NE Sec. 6 T9S, 17E

Duchesne County, Utah

UTU-020252A

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

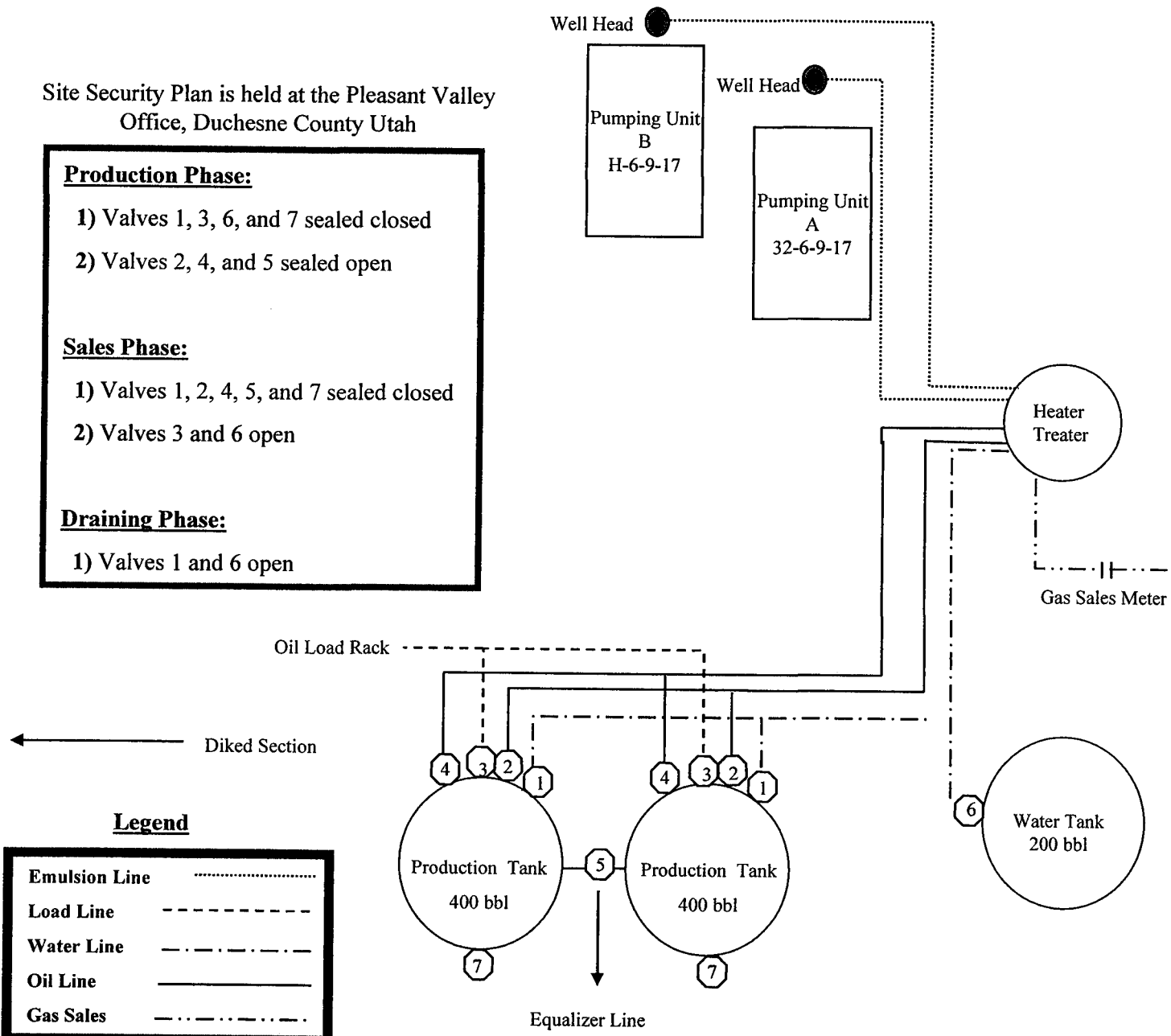
- 1) Valves 1, 3, 6, and 7 sealed closed
- 2) Valves 2, 4, and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 7 sealed closed
- 2) Valves 3 and 6 open

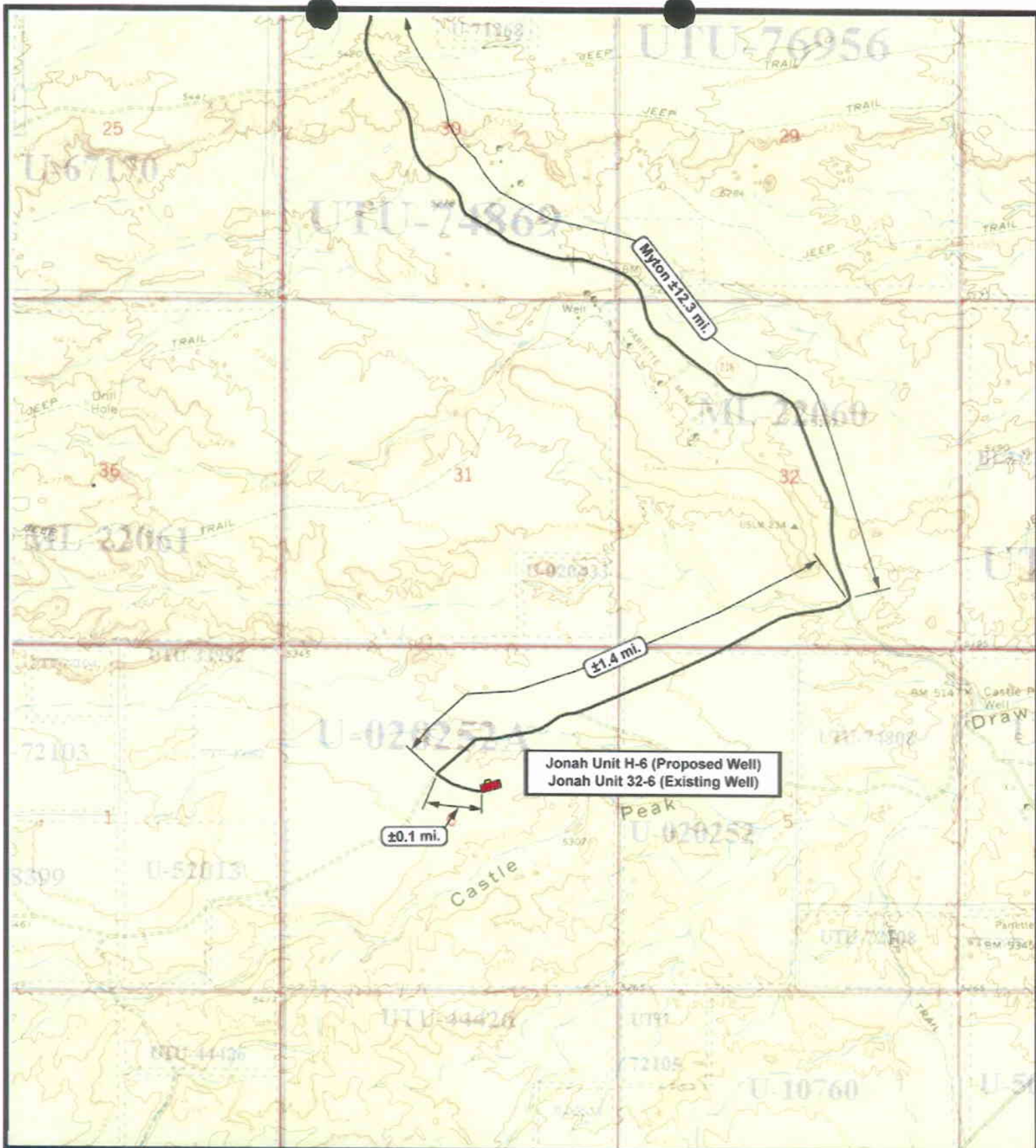
Draining Phase:

- 1) Valves 1 and 6 open**





"A"





NEWFIELD
Exploration Company

Jonah Unit H-6-9-17 (Proposed Well)
Jonah Unit 32-6-9-17 (Existing Well)
 Pad Location: SWNE SEC. 6, T9S, R17E, S.L.B.&M.






Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mww

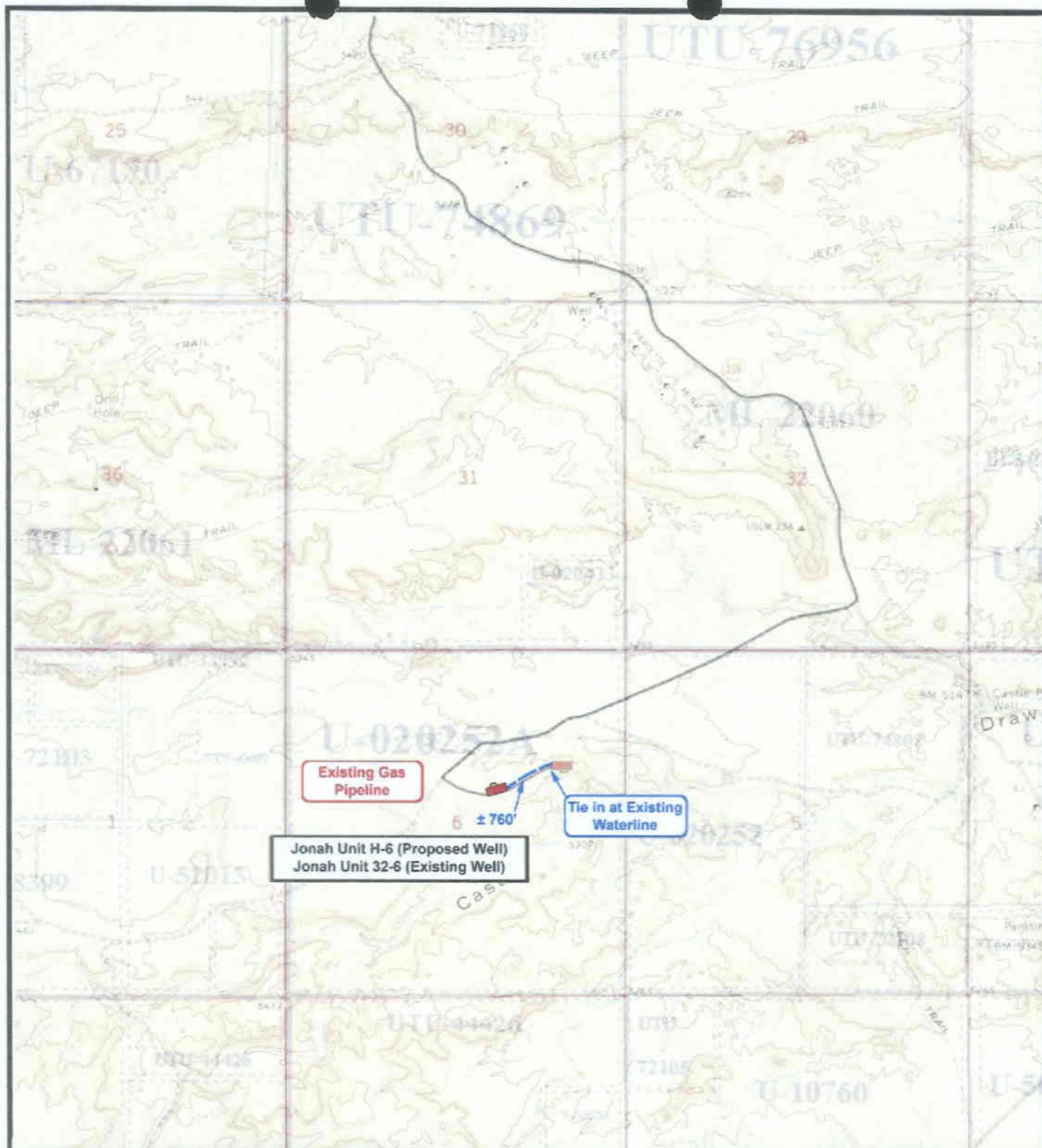
DATE: 11-17-2006

Legend

 Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Jonah Unit H-6-9-17 (Proposed Well)
Jonah Unit 32-6-9-17 (Existing Well)
Pad Location: SWNE SEC. 6, T9S, R17E, S.L.B.&M.



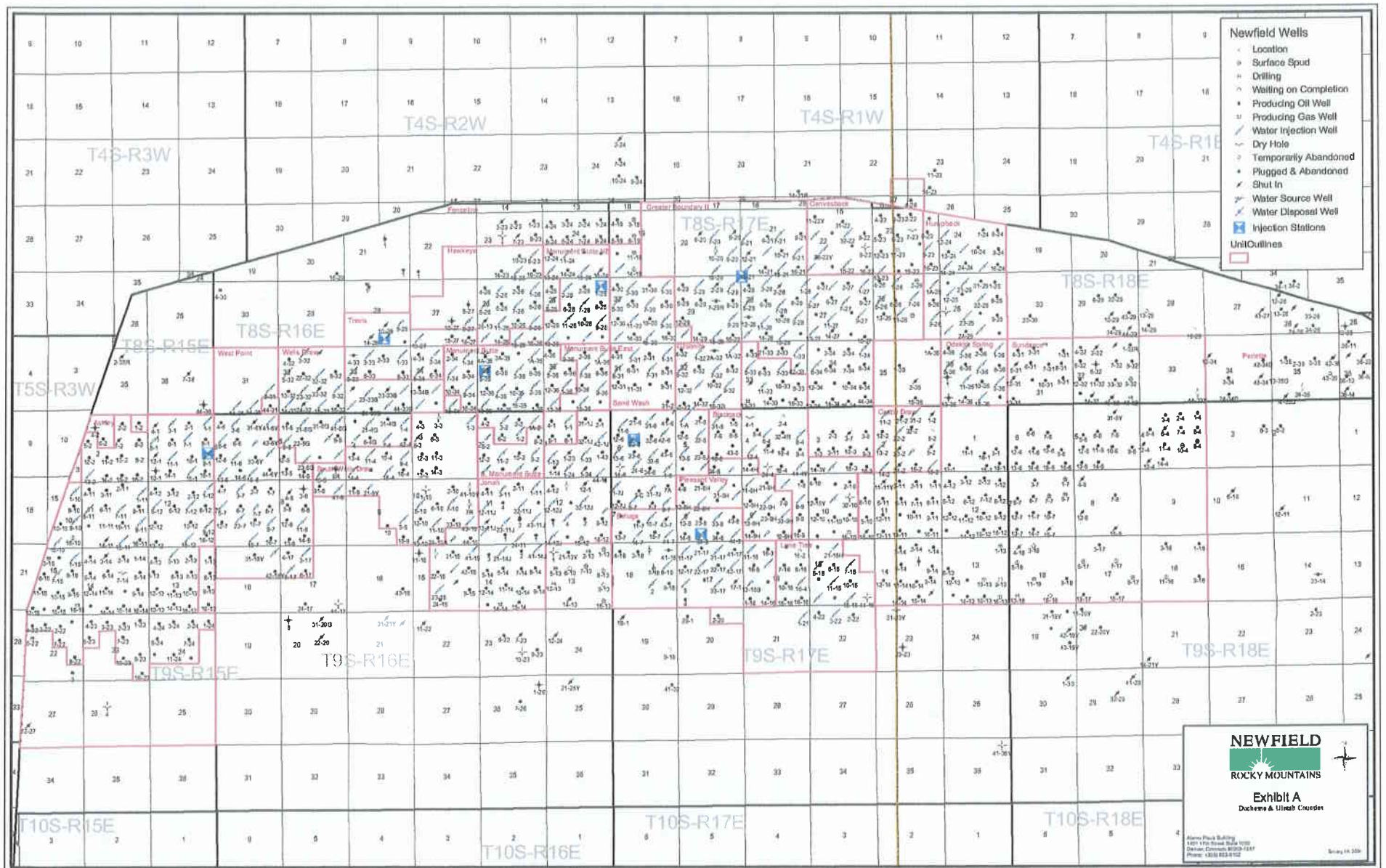
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-12-2007

Legend
— Roads
--- Proposed Water Line

TOPOGRAPHIC MAP

"C"



2-M SYSTEM

Blowout Prevention Equipment Systems

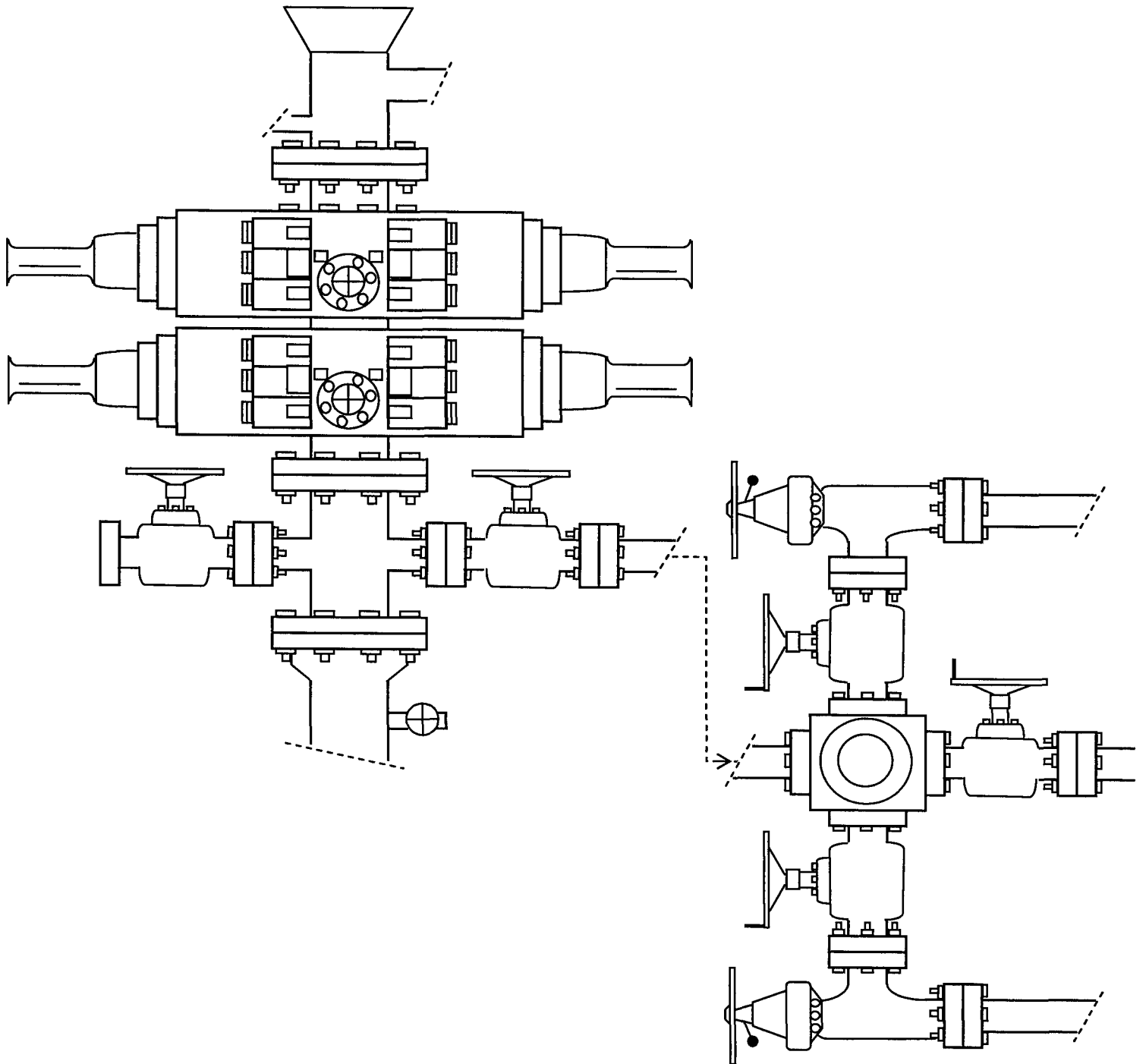


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/16/2007

API NO. ASSIGNED: 43-013-33494

WELL NAME: JONAH FED H-6-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

1 SWNE 06 090S 170E

B SURFACE: 2122 FNL 1938 FEL

BOTTOM: 1320 FNL 2622 FEL

COUNTY: DUCHESNE

LATITUDE: 40.06132 LONGITUDE: -110.0460

UTM SURF EASTINGS: 581362 NORTHINGS: 4434789

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-020252A

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

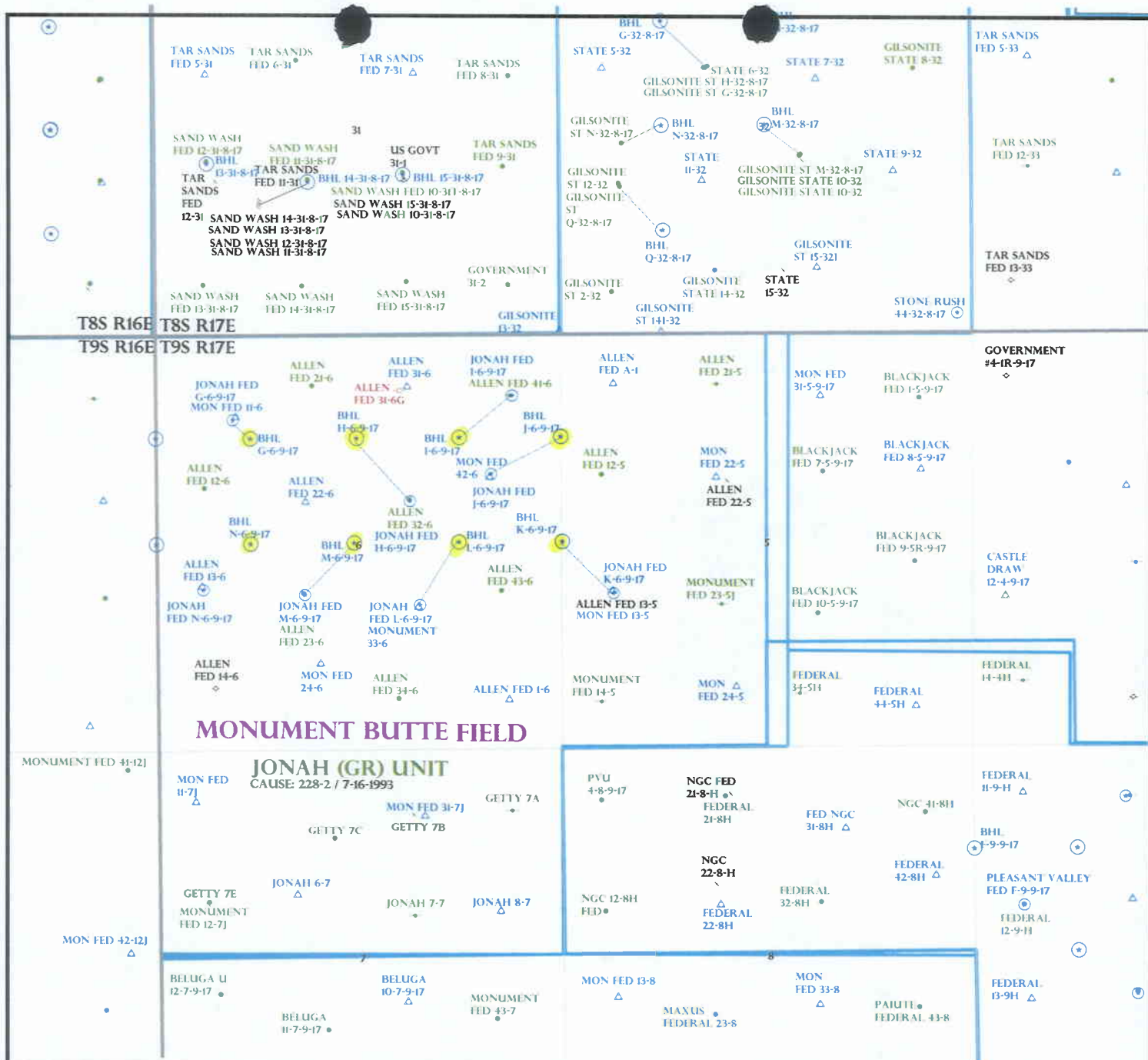
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: JONAH (GREEN RIVER)
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-93
Siting: 460' fr Wbary & 920' fr other wells.
☒ R649-3-11. Directional Drill

COMMENTS: See, Separate file

STIPULATIONS: 1. Geologic Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 6 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993

Field Status

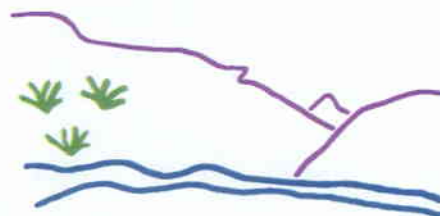
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- ✖ GAS INJECTION
- ✖ GAS STORAGE
- ✖ LOCATION ABANDONED
- ✖ NEW LOCATION
- ✖ PLUGGED & ABANDONED
- ✖ PRODUCING GAS
- ✖ PRODUCING OIL
- ✖ SHUT-IN GAS
- ✖ SHUT-IN OIL
- ✖ TEMP. ABANDONED
- ✖ TEST WELL
- ✖ WATER INJECTION
- ✖ WATER SUPPLY
- ✖ WATER DISPOSAL
- ✖ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 19-JANUARY-2007

NEWFIELD



January 17, 2007

Ms. Diana Mason
State of Utah, Div. of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11
Jonah Unit UTU-72086A
Various Wells & Locations (See Attached)
Duchesne County, Utah

Dear Ms.Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 01/09/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Jonah Unit UTU-72086A. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Jonah Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Jonah Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

Newfield Production Company

Rhonda Deimer
Land Associate

Enclosures

RECEIVED

JAN 22 2007

DIV. OF OIL, GAS & MINING

DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT
JONAH UNIT UTU-72086A
DUCHESNE COUNTY, UTAH

Jonah Federal G-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
1085' FNL, 990' FWL (at surface)
1322' FNL, 1212' FWL (bottomhole)
Section 6-T9S-R17E

Jonah Federal H-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
2122' FNL, 1938' FEL (at surface)
1320' FNL, 2622' FEL (bottomhole)
Section 6-T9S-R17E

Jonah Federal I-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
778' FNL, 627' FEL (at surface)
1319' FNL, 1311' FEL (bottomhole)
Section 6-T9S-R17E

Jonah Federal J-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
1784' FNL, 900' FEL (at surface)
1317' FNL, 0' FEL (bottomhole)
Section 6-T9S-R17E

Jonah Federal K-6-9-17

BLM Lease #s U-020252 (surface) and U-020252A (bottomhole)
1977' FSL, 664' FWL of Section 5-9S-17E (at surface)
2644' FSL, 0' FEL of Section 6-9S-17E (bottomhole)
Section 6-T9S-R17E

Jonah Federal L-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
1846' FSL, 1813' FEL (at surface)
2644' FSL, 1313' FEL (bottomhole)
Section 6-T9S-R17E

Jonah Federal M-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
1987' FSL, 1906' FWL (at surface)
2643' FSL, 2533' FWL (bottomhole)
Section 6-T9S-R17E

Jonah Federal N-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)
2060' FSL, 598' FWL (at surface)
2642' FSL, 1213' FWL (bottomhole)
Section 6-T9S-R17E

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

January 24, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Jonah Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33493	Jonah Fed G-6-9-17	Sec 6 T09S R17E 1085 FNL 0990 FWL
	BHL	Sec 6 T09S R17E 1322 FNL 1212 FWL
43-013-33494	Jonah Fed H-6-9-17	Sec 6 T09S R17E 2122 FNL 1938 FEL
	BHL	Sec 6 T09S R17E 1320 FNL 2622 FEL
43-013-33495	Jonah Fed I-6-9-17	Sec 6 T09S R17E 0778 FNL 0627 FEL
	BHL	Sec 6 T09S R17E 1319 FNL 1311 FEL
43-013-33496	Jonah Fed J-6-9-17	Sec 6 T09S R17E 1784 FNL 0900 FEL
	BHL	Sec 6 T09S R17E 1317 FNL 0000 FEL
43-013-33497	Jonah Fed K-6-9-17	Sec 5 T09S R17E 1977 FSL 0664 FWL
	BHL	Sec 6 T09S R17E 2644 FSL 0000 FEL
43-013-33498	Jonah Fed L-6-9-17	Sec 6 T09S R17E 1846 FSL 1813 FEL
	BHL	Sec 6 T09S R17E 2644 FSL 1313 FEL
43-013-33499	Jonah Fed M-6-9-17	Sec 6 T09S R17E 1987 FSL 1906 FWL
	BHL	Sec 6 T09S R17E 2643 FSL 2533 FWL
43-013-33500	Jonah Fed N-6-9-17	Sec 6 T09S R17E 2060 FSL 0598 FWL
	BHL	Sec 6 T09S R17E 2642 FSL 1213 FWL

Page 2

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-24-07



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 30, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal H-6-9-17 Well, Surface Location 2122' FNL, 1938' FEL,
SW NE, Sec. 6, T. 9 South, R. 17 East, Bottom Location 1320' FNL,
2622' FEL, SW NE, Sec. 6, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33494.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Jonah Federal H-6-9-17
API Number: 43-013-33494
Lease: UTU-020252A

Surface Location: SW NE Sec. 6 T. 9 South R. 17 East
Bottom Location: SW NE Sec. 6 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

JAN 16 2007

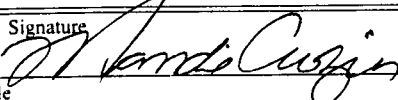
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

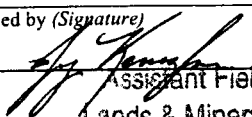
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-020252A	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal H-6-9-17	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33494	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2122' FNL 1938' FEL At proposed prod. zone SW/NE 1320' FNL 2622' FEL		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximately 13.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 6, T9S R17E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lea, 1320' f/unit	16. No. of Acres in lease 637.35	17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1455'	19. Proposed Depth 6220'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5319' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/9/07
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Terry Kewell	Date 10-2-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

OCT 10 2007

DIV. OF OIL, GAS & MINING

No NOS
07PP1686A

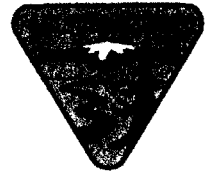


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Jonah Federal H-6-9-17
API No: 43-013-33494

Location: SWNE, Sec 6, T9S, R17E
Lease No: UTU-020252A
Agreement: Jonah Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

General Surface Stipulations:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface Stipulations:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover and Ferruginous Hawk habitats. Modifications to the Surface Use Plan of Operations will be required in order to protect the Mountain Plover and Ferruginous Hawk habitats from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (during construction and drilling) – **May 15 through June 15** – in order to protect Mountain Plover habitat, and – **March 1 through July 15** – to protect Ferruginous Hawk nesting season
- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Shadscale (<i>Atriplex confertifolia</i>)	3 lbs/acre
Galleta Grass (<i>Hilaria jamesii</i>)	6 lbs/acre
▪ Rates are set for drill seeding; double the rate if broadcasting.	
▪ Reseeding may be required if initial seeding is not successful.	
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast

method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: JONAH FED H-6-9-17

Api No: 43-013-33494 Lease Type: FEDERAL

Section 06 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/30/07

Time 3:30 PM

How DRY

Drilling will Commence: _____

Reported by DELL RAY

Telephone # (435) 828-6110

Date 10/31/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MAYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
A	99999	16473	4301333101	FEDERAL 8-19-9-16	SENE	19	9S	16E	DUCHESNE	10/25/2007	11/20/07
WELL 1 COMMENTS: GRUV											
A	99999	16474	4304739491	UTE TRIBAL 3-25-4-1	NENW	25	4S	1W	DUCHESNE	10/27/2007	11/20/07
GRUV											
A	99999	16475	4301333162	FEDERAL 15-19-9-16	SWSE	19	9S	16E	DUCHESNE	10/29/2007	11/20/07
GRUV											
B	99999	11492	4301333496	JONAH FED J-6-9-17	SENE	6	9S	17E	DUCHESNE	10/29/2007	11/20/07
GRUV BHL = SENE											
B	99999	11492	4301333494	JONAH FED H-6-9-17	SWNE	6	9S	17E	DUCHESNE	10/30/2007	11/20/07
WELL 5 COMMENTS: GRUV BHL = SWNE 43-013-33494											
A	99999	16476	4301333163	FEDERAL 16-19-9-16	SESE	19	9S	16E	DUCHESNE	10/31/2007	11/20/07
WELL 5 COMMENTS: GRUV											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

NOV 12 2007

OIL, GAS & MINING

Signature: *[Signature]* Jeniri Park
Production Clerk
Date: 11/01/07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2122 FNL 1938 FEL

SWNE Section 6 T9S R17E

5. Lease Serial No.

USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL H-6-9-17

9. API Well No.

4301333494

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/30/07 MIRU NDSI NS #1. Spud well @ 3:00pm. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 320.07' On 11/5/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

11/05/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 07 2007

DIV. OF OIL, GAS & MINING

8 5/8 CASING SET AT 320.07

LAST CASING 8 5/8" SET AT 320.07
 DATUM 12' KB
 DATUM TO CUT OFF CASING
 DATUM TO BRADENHEAD FLANGE
 TD DRILLER 320' LOGGER
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Jonah Federal H-6-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH									
		Shoe Joint 40.18'														
		WHI - 92 csg head			8rd	A	0.95									
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	308.22									
		GUIDE shoe			8rd	A	0.9									
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.07									
TOTAL LENGTH OF STRING		310.07	7	LESS CUT OFF PIECE			2									
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12									
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			320.07									
TOTAL		308.22	7	} COMPARE												
TOTAL CSG. DEL. (W/O THRDS)		308.22	7													
TIMING		1ST STAGE														
BEGIN RUN CSG.		Spud 10/30/2007	3:00 PM	GOOD CIRC THRU JOB		Yes										
CSG. IN HOLE		10/31/2007	11:30 AM	Bbls CMT CIRC TO SURFACE		2										
BEGIN CIRC		11/5/2007	11:30 AM	RECIPROCATED PIPE FOR		THRU	FT STROKE									
BEGIN PUMP CMT		11/5/2007	11:36 AM			N/A										
BEGIN DSPL. CMT		11/5/2007	11:43 AM	BUMPED PLUG TO		135	PSI									
PLUG DOWN		11/5/2007	11:48 AM													
CEMENT USED		CEMENT COMPANY- B. J.														
STAGE	# SX	CEMENT TYPE & ADDITIVES														
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield														
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING													
Centralizers - Middle first, top second & third for 3																

COMPANY REPRESENTATIVE Don Bastian

DATE 11/5/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2122 FNL 1938 FEL

SWNE Section 6 T9S R17E

5. Lease Serial No.

USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL H-6-9-17

9. API Well No.

4301333494

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/12/07 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6254'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 159 jt's of 5.5 J-55, 15.5# csgn. Set @ 6221.18' KB. Cement with 360 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 22 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 9:00 am 11/21/07.

RECEIVED

NOV 27 2007

DIV OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

11/21/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6221.18

Flt cllr @ 6197.38

LAST CASING 8 5/8" SET AT 320'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Jonah Federal H-6-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6254' Loggers 6233'

TVD= 6142'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4018' (6.00')					
159	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6169.38
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.55
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6223.18
TOTAL LENGTH OF STRING		6223.18	160	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		326.21	8	CASING SET DEPTH			6221.18
TOTAL		6534.14	168	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6534.83	168				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/20/2007	8:30 pm	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		11/21/2007	12:45 AM	Bbls CMT CIRC TO SURFACE		22	
BEGIN CIRC		11/21/2007	1:05 AM	RECIPROCATED PIPE FOR		THRUSTROKE NA	
BEGIN PUMP CMT		11/21/2007	3:10 AM	DID BACK PRES. VALVE HOLD ?		Yes	
BEGIN DSPL. CMT		11/21/2007	4:11 AM	BUMPED PLUG TO		1660 PSI	
PLUG DOWN		11/21/2007	4:35 AM				

CEMENT USED		B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.49 cf/sk yield	
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Don Bastian

DATE 11/21/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2122 FNL 1938 FEL
SWNE Section 6 T9S R17E

5. Lease Serial No.

USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
JONAH UNIT

8. Well Name and No.

JONAH FEDERAL H-6-9-17

9. API Well No.

4301333494

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

01/08/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JAN 09 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252-A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: JONAH FEDERAL H-6-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2122 FNL 1938 FEL		9. API NUMBER: 4301333494
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 6, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 01/07/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above mentioned well went on production 1/7/08. See attached daily activity report.

RECEIVED
JAN 18 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tammi Lee

TITLE Production Clerk

SIGNATURE

DATE 01/17/2008

Daily Activity Report

Format For Sundry

JONAH H-6-9-17**10/1/2007 To 2/29/2008****12/5/2007 Day: 1****Completion**

Rigless on 12/4/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6128' & cement top @ 53'. Perforate stage #1, CP3 sds @ 5871-83' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 148 BWTR. SWIFN.

12/18/2007 Day: 2**Completion**

Rigless on 12/17/2007 - Stage #1 CP3 sds. RU BJ Services. 230 psi on well. Frac CP3 sds w/ 15,590#'s of 20/40 sand in 298 bbls of Lightning 17 fluid. Broke @ 2445 psi. Treated w/ ave pressure of 1759 psi w/ ave rate of 17.9 BPM. ISIP 1808 psi. Leave pressure on well. 446 BWTR. Stage #2 A3 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5450'. Perforate A3 sds @ 5350-58' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 32 shots. RU BJ Services. SWIFN due to BJ breaking down.

12/19/2007 Day: 3**Completion**

Rigless on 12/18/2007 - Stage #1 A3 sds. Thaw well w/ hotoiler. RU BJ Services. 1550 psi on well. Frac A3 sds w/ 32,842#'s of 20/40 sand in 358 bbls of Lightning 17 fluid. Broke @ 1760 psi. Treated w/ ave pressure of 3335 psi w/ ave rate of 23.7 BPM. ISIP 4200 psi. Screened well off w/ 7,000# sand in csg. Open well to pit for cleanup @ approx. 1 bpm. Well flowed for 3 hrs. & cleaned up. Stage #3 D3 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 5090'. Perforate D3 sds @ 4982-88' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 24 shots. SWIFN.

12/20/2007 Day: 4**Completion**

Rigless on 12/19/2007 - Stage #3 D3 sds. Thaw well w/ hotoiler. RU BJ Services. 800 psi on well. Perfs would not break. RU Lone Wolf WL. RIH w/ dump bailer w/ acid. Tagged sand @ 4848'. Attempt to flow well back for cleanup. Well flowed for 20 min. & died. RD BJ Services & Lone Wolf WL. RU Leed #731. SWIFN.

12/21/2007 Day: 5**Completion**

Rigless on 12/20/2007 - Thaw wellhead. RIH 2 7/8" notched collar & new 2 7/8" tbg. (tallying & drifting) from trailer. Tag sand @ 4854'. RU pump & lines. C/O to CBP @ 5090'. Circulate well clean. LD 2 jts 2 7/8" tbg. SWIFN.

12/22/2007 Day: 6**Completion**

Leed #731 on 12/21/2007 - Thaw well. Circulate well w/ 2% KCL water. POOH w/ tbg. RU BJ Services. 0 psi on well. D3 sands screened off w/ approx. 8,000# into perfs & 12,000# left in the csg. RD BJ Services. Open well to pit @ approx. 1 bpm. Well flowed for 1.5 hrs. & died. Recovered 70 bbls. Did not recover any sand. SWIFN.

12/23/2007 Day: 7**Completion**

Leed #731 on 12/22/2007 - Thaw well. RIH w/ 2 7/8" notched collar & 2 7/8" tbg. Tag sand @ 3500'. C/O to 4100'. Circulate well clean. Pull up to 4050' SWIFN.

12/27/2007 Day: 8**Completion**

Leed #731 on 12/26/2007 - Thaw well. RIH w/ tbg. Tag @ 4100'. C/O to CBP @ 5090'. Circulate well clean. Pull up to 5028'. SWIFN.

12/28/2007 Day: 9**Completion**

Leed #731 on 12/27/2007 - Thaw well. POOH w/ tbg. ND washington head. Get ready for frac crew.

12/29/2007 Day: 10**Completion**

Leed #731 on 12/28/2007 - Thaw well out. RU Lone Wolf WLT & lubricator. WLT broke down. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 11' perf gun. Set plug @ 4950'. Perforate D1 sds @ 4873-84' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 down casing w/ 14,978#'s of 20/40 sand in 278 bbls of Lightning 17 frac fluid. Perfs broke down @ 2462 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2230 @ ave rate of 23.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2411. 1136 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8', 8' perf guns. Set plug @ 4480'. Perforate GB6 sds @ 4377-85', GB4 sds @ 4326-34' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 28,379#'s of 20/40 sand in 368 bbls of Lightning 17 frac fluid. Open well w/ 1740 psi on casing. Perfs broke down @ 3330 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2058 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2097. 1504 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 200 bbls rec'd. SIFN.

1/1/2008 Day: 11**Completion**

Leed #731 on 12/31/2007 - Thaw well out. Open well w/ 225 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & schaefer BOP's. TIH w/ Chomp bit & bit sub, 141 jts tbg. RU pump/tanks. SIFN.

1/3/2008 Day: 12**Completion**

Leed #731 on 1/2/2008 - Thaw well out. Open well w/ 50 psi on casing. RU swivel, pump/tanks. Drlg out plug @ 4480'. TIH w/ tbg to tag sand @ 4745'. C/O to plug @ 4950'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5090'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5300'. C/O to plug @ 5450'. SIFN.

1/4/2008 Day: 13**Completion**

Leed #731 on 1/3/2008 - Thaw well out. Open well w/ 75 psi on casing. RU swivel, pump/tanks. Drlg out plug @ 5090'. TIH w/ tbg to tag sand @ 6140'. C/O to PBTD @ 6181'. Still having to reverse circulate due to something in tbg plugging of flow. RU swab equip. Made 7 runs to rec'd 156 bbls fluid. IFL was surface. FFL was 800'. Last run showed trace of oil & no sand. RD swab. TIH w/ tbg to tag 21' of sand. Circulate well clean. SIFN.

1/5/2008 Day: 14**Completion**

Leed #731 on 1/4/2008 - Thaw well out. Open well w/ 300 psi on casing. TIH w/ tbg & circulate well clean to PBTD @ 6181'. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jts tbg, TA new CDI w/ 45,000# shear, 186 jts tbg. ND BOP's. Set TA @ 5865' w/ 15,000#'s tension w/ SN @ 5897' & EOT @ 5961'. SIFN.

1/8/2008 Day: 15**Completion**

Leed #731 on 1/7/2008 - Thaw well out. Open well w/ 200 psi. RU Hot Oiler & flush tbg w/ 60 bbls of hot water. Pickup & prime pump. TIH w/ 2-1/2" x 1-3/4" x 16' x 20' RHAC new CDI pump w/ 175"SL. 4- 1-1/2" weight rods, 230- 7/8" guided (8 per rod), 2', 6', 8' x 7/8" pony rods, 1- 1/2" x 26' polish rod. Space pump. Test tbg to 800 psi w/ pump unit. POP @ 5:30PM w/ 144"SL @ 5 spm. RDMOSU. Final Report.

Pertinent Files: Go to File List

(See other instructions on reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2122' FNL 1938 FEL SEC 6, T9S, R17E

At top prod. Interval reported below

At total depth

1305 fnl 2606 fel

per DKD review

14. API NO.

43-013-33494

DATE ISSUED

1/30/07

15. DATE SPUNDED

10/30/07

16. DATE T.D. REACHED

11/20/07

17. DATE COMPL. (Ready to prod.)

1/7/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5319' GL 5331 KB

20. TOTAL DEPTH, MD & TVD

6254' / 6142

21. PLUG BACK T.D., MD & TVD

6181' / 6069

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

GREEN RIVER 4326'-5883'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	320.07	12 1/4	To surface w/160sx of class "G" cement	
5-1/2" J-55	15.5#	6221.18'	7 7/8	300sx Primiite II & 425sx of 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5961'	TA @ 5862.72'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

SIZE

SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

CP3 sds 5871'-5883'	.49"	4/48	5871'-5883'	Frac w/ 15,590#s of 20/40 sand in 298 bbls of fluid
A3 sds 5350'-5358'	.49"	4/32	5350'-5358'	Frac w/ 32,842#s of 20/40 sand in 358 bbls of fluid
D3 sds 4982'-4988'	.49"	4/24	4982'-4988'	Screened off w/8,000#s into perms & 12,000 in csg
D1 sds 4873'-4884'	.49"	4/44	4873'-4884'	Frac w/14,978 #s of 20/40 sand in 278 bbls of fluid
GB4 sds 4326'-4334', GB6 sds 4377'-4385'	.49"	4/64	4326'-4385'	Frac w/ 28,379#s of 20/40 sand in 368 bbls of fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 1/7/08		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) CDI 2 1/2" X 1 3/4" X 16' X 20' RHAC pump w/ SM plunger					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. -42	GAS--MCF. 0	WATER--BBL. 501		GAS-OIL RATIO 153
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.		WATER--BBL.		OIL GRAVITY-API (CORR.)
RECEIVED								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as compared to all available records

SIGNED

Tammi Lee

TITLE

Production Technician

DATE

1/25/2008

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name JONAH FEDERAL H-6-9-17	Garden Gulch Mkr	3821'	
				Garden Gulch 1	4019'	
				Garden Gulch 2	4142'	
				Point 3 Mkr	4411'	
				X Mkr	4666'	
				Y-Mkr	4702'	
				Douglas Creek Mkr	4833'	
				BiCarbonate Mkr	5084'	
				B Limestone Mkr	5214'	
				Castle Peak	5690'	
				Basal Carbonate	6126'	
				Wasatch	0	
	Total Depth (Loggers)	6223'				

NEWFIELD



Well Name: Allen Federal 32-6-9-17 CTB

LOCATION: S6, T9S, R17E

COUNTY/STATE: Duchesne

API:

Spud Date:

TD:

CSG:

POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
1/7/2008								
1/8/2008								
1/9/2008		-115	52		0			Pulled 130 bw from T1 Transferred offsite
1/10/2008		40	9		0			
1/11/2008		0	6		0			
1/12/2008		1	104		0			
1/13/2008		5	133		0			
1/14/2008		0	76		0			
1/15/2008		5	42		0			
1/16/2008		-6	37		0			Temperature correction on Oil tank
1/17/2008		0	32		0			
1/18/2008		0	10		0			
1/19/2008					0			25 Total production, everything dumped into water tank.
1/20/2008		28	0		0			256 b oil from T4 to T3
1/21/2008					0			29 Total production, Treater bypassed
1/22/2008					0			30 Total production, Treater bypassed
1/23/2008					0			28 Total production
1/24/2008								
1/25/2008								
1/26/2008								
1/27/2008								
1/28/2008								
1/29/2008								
1/30/2008								
1/31/2008								
2/1/2008								
2/2/2008								
2/3/2008								
2/4/2008								
2/5/2008								
2/6/2008								
2/7/2008								
		-42	501		0			

NEWFIELD



Well Name: Jonah Federal H-6-9-17
 LOCATION: S6, T9S, R17E
 COUNTY/STATE: Duchesne
 API: 43-013-33494

Spud Date: 4-4-06
 TD: 6254'
 CSG: 11-21-07
 POP: 1-7-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
1/7/2008				1168				POP @ 5:30 P.M. w 144" SL @ 5 SPM. 1168 Total water to recover.
1/8/2008				1168				
1/9/2008	24			1168		68	5	
1/10/2008	24			1168		68	5	
1/11/2008	24			1168		32	5	Lowered rods 6"
1/12/2008	24			1168		65	5	
1/13/2008	24			1168		50	5	
1/14/2008	24			1168		70	5	Transferred 295 bls Oil from T4 to T1
1/15/2008	24			1168		65	5	
1/16/2008	24			1168		60	5	
1/17/2008	24			1168		58	5	
1/18/2008	24			1168		58	5	
1/19/2008	24			1168		58	5	
1/20/2008	24			1168		58	5	
1/21/2008	24			1168		59	5	
1/22/2008	24			1168		56	5	
1/23/2008	24			1168		56	5	
1/24/2008	24			1168		55	5	
1/25/2008				1168				
1/26/2008				1168				
1/27/2008				1168				
1/28/2008				1168				
1/29/2008				1168				
1/30/2008				1168				
1/31/2008				1168				
2/1/2008				1168				
2/2/2008				1168				
2/3/2008				1168				
2/4/2008				1168				
2/5/2008				1168				
2/6/2008				1168				
2/7/2008				1168				
		0	0		0			

37376



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road

Casper, WY 82604

(307)-472-6621 Fax (307) 472-5439

RE: _____	Newfield Exploration Co.	Operator
_____	Jonah Unit H-6-9-17	Well Name & No.
_____	Duchesne County, UT	County & State
_____	42DEF0711879	SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 374 feet to a measured depth of 6254 feet is true and correct as determined from all available records.

Julie Cruse

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of : Wyoming }

ss

County of : Natrona }

On this 20th day of November, 2007, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

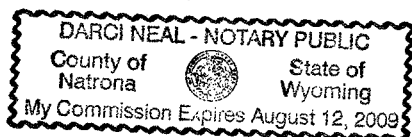
Seal

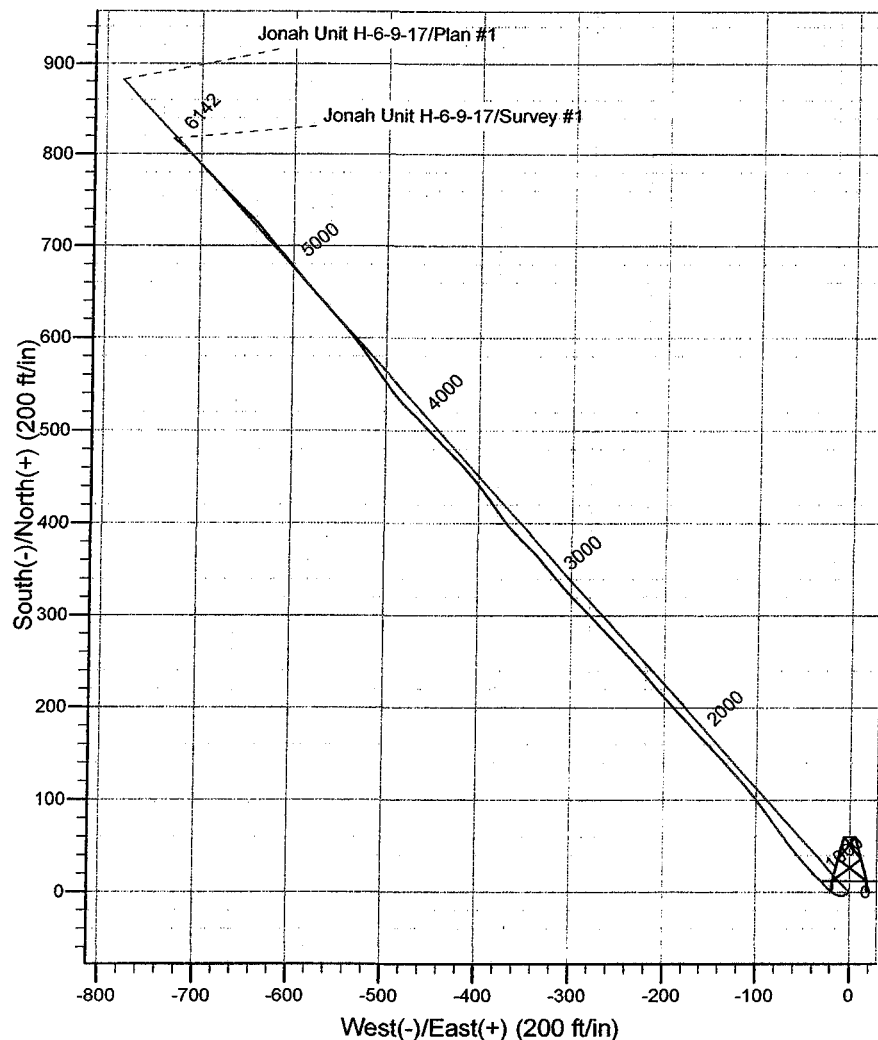
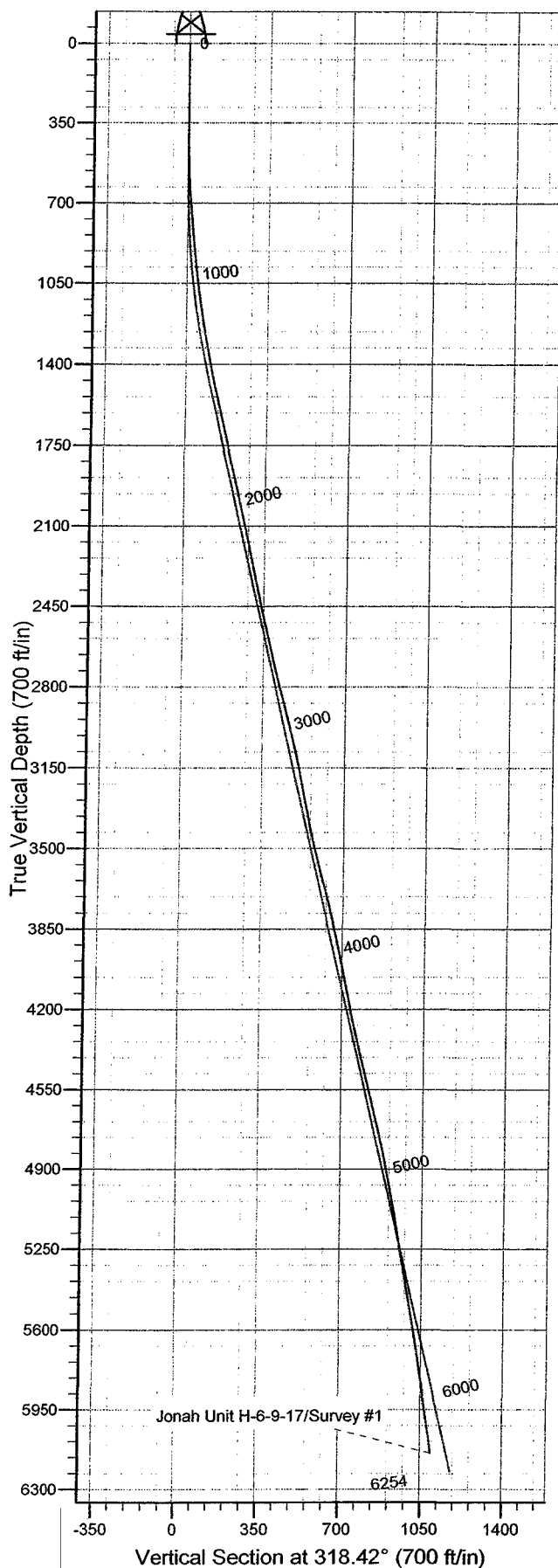
Darci Neal

Notary Public

Aug 12, 2009

My Commission Expires





WELL DETAILS: Jonah Unit H-6-9-17

Ground Level: GL 5319' & RKB 12' @ 5331.00ft
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 7194370.48 2047114.04 40° 3' 40.680 N 110° 2' 48.730 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Jonah Unit H-6-9-17, True North
 Vertical (TVD) Reference: GL 5319' & RKB 12' @ 5331.00ft
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: GL 5319' & RKB 12' @ 5331.00ft
 Calculation Method: Minimum Curvature
 Local North: True
 Location: Sec 6 T9S R17E

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone

Survey: Survey #1 (Jonah Unit H-6-9-17/OH)

Created By: Julie Cruse Date: 2007-11-20

Newfield Exploration Co.

Duchesne County, UT

Jonah Unit H-6-9-17

Jonah Unit H-6-9-17

OH

Survey: Survey #1

Standard Survey Report

20 November, 2007

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	Local Co-ordinate Reference:	Well Jonah Unit H-6-9-17
Project:	Duchesne County, UT	TVD Reference:	GL 5319' & RKB 12' @ 5331.00ft
Site:	Jonah Unit H-6-9-17	MD Reference:	GL 5319' & RKB 12' @ 5331.00ft
Well:	Jonah Unit H-6-9-17	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.16 Multi-User Db

Project	Duchesne County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Jonah Unit H-6-9-17, Sec 6 T9S R17E				
Site Position:		Northing:	7,194,370.48 ft	Latitude:	40° 3' 40.680 N
From:	Lat/Long	Easting:	2,047,114.04 ft	Longitude:	110° 2' 48.730 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.93 °

Well	Jonah Unit H-6-9-17, 2122' FNL, 1938' FEL					
Well Position	+N/-S	0.00 ft	Northing:	7,194,370.48 ft	Latitude:	40° 3' 40.680 N
	+E/-W	0.00 ft	Easting:	2,047,114.04 ft	Longitude:	110° 2' 48.730 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,319.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-11-11	11.76	65.91	52,661

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	318.42	

Survey Program	Date 2007-11-20				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
374.00	6,254.00	Survey #1 (OH)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
374.00	1.64	236.75	373.95	-2.93	-4.48	0.78	0.44	0.44	0.00
405.00	1.74	232.96	404.94	-3.46	-5.22	0.88	0.48	0.32	-12.23
435.00	1.68	241.88	434.92	-3.94	-5.97	1.02	0.91	-0.20	29.73
466.00	1.86	260.83	465.91	-4.24	-6.87	1.39	1.96	0.58	61.13
495.00	2.38	282.95	494.89	-4.18	-7.92	2.13	3.31	1.79	76.28
526.00	2.68	282.56	525.86	-3.88	-9.26	3.24	0.97	0.97	-1.26
556.00	2.83	286.35	555.82	-3.51	-10.65	4.44	0.79	0.50	12.63
586.00	3.08	295.76	585.78	-2.96	-12.09	5.81	1.82	0.83	31.37
617.00	3.69	299.11	616.73	-2.11	-13.71	7.52	2.07	1.97	10.81
647.00	3.69	302.03	646.67	-1.13	-15.37	9.36	0.63	0.00	9.73
678.00	4.03	307.28	677.60	0.06	-17.09	11.38	1.58	1.10	16.94
709.00	4.43	309.69	708.51	1.49	-18.87	13.64	1.41	1.29	7.77

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit H-6-9-17
Well: Jonah Unit H-6-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Jonah Unit H-6-9-17
TVD Reference: GL 5319' & RKB 12' @ 5331.00ft
MD Reference: GL 5319' & RKB 12' @ 5331.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
739.00	4.86	307.09	738.41	2.99	-20.78	16.03	1.60	1.43	-8.67
770.00	5.12	311.92	769.30	4.71	-22.86	18.69	1.59	0.84	15.58
800.00	5.29	315.30	799.17	6.59	-24.82	21.40	1.17	0.57	11.27
830.00	5.41	312.95	829.04	8.53	-26.83	24.19	0.83	0.40	-7.83
861.00	5.61	315.22	859.90	10.60	-28.97	27.16	0.95	0.65	7.32
891.00	5.74	313.84	889.75	12.68	-31.08	30.12	0.63	0.43	-4.60
923.00	6.02	313.39	921.58	14.95	-33.46	33.38	0.89	0.87	-1.41
955.00	6.22	313.52	953.40	17.29	-35.93	36.78	0.63	0.62	0.41
985.00	6.64	319.51	983.21	19.73	-38.24	40.14	2.64	1.40	19.97
1,017.00	7.16	320.17	1,014.98	22.67	-40.72	43.98	1.64	1.62	2.06
1,048.00	7.46	319.09	1,045.73	25.67	-43.27	47.92	1.06	0.97	-3.48
1,080.00	7.81	318.39	1,077.45	28.87	-46.08	52.17	1.13	1.09	-2.19
1,111.00	8.20	318.94	1,108.14	32.11	-48.93	56.49	1.28	1.26	1.77
1,143.00	8.47	319.82	1,139.80	35.63	-51.95	61.13	0.93	0.84	2.75
1,174.00	8.66	320.39	1,170.46	39.17	-54.91	65.74	0.67	0.61	1.84
1,206.00	9.23	321.70	1,202.07	43.04	-58.03	70.71	1.89	1.78	4.09
1,237.00	9.64	323.16	1,232.65	47.07	-61.13	75.78	1.53	1.32	4.71
1,269.00	9.78	323.75	1,264.19	51.41	-64.35	81.16	0.54	0.44	1.84
1,300.00	10.01	322.75	1,294.73	55.68	-67.53	86.47	0.93	0.74	-3.23
1,332.00	10.65	323.89	1,326.21	60.28	-70.96	92.18	2.10	2.00	3.56
1,363.00	10.97	323.46	1,356.66	64.96	-74.40	97.97	1.06	1.03	-1.39
1,394.00	11.37	323.93	1,387.07	69.80	-77.96	103.95	1.32	1.29	1.52
1,423.00	11.77	324.36	1,415.49	74.52	-81.37	109.74	1.41	1.38	1.48
1,454.00	12.05	324.33	1,445.82	79.72	-85.09	116.10	0.90	0.90	-0.10
1,545.00	12.91	324.54	1,534.67	95.71	-96.53	135.66	0.95	0.95	0.23
1,641.00	13.41	320.64	1,628.15	113.06	-109.81	157.45	1.06	0.52	-4.06
1,735.00	12.77	317.57	1,719.71	129.15	-123.74	178.73	1.01	-0.68	-3.27
1,829.00	13.04	317.41	1,811.33	144.63	-137.92	199.72	0.29	0.29	-0.17
1,922.00	12.76	316.42	1,901.98	159.79	-152.10	220.47	0.38	-0.30	-1.06
2,016.00	12.78	316.24	1,993.66	174.82	-166.45	241.24	0.05	0.02	-0.19
2,109.00	12.73	316.56	2,084.36	189.69	-180.61	261.76	0.09	-0.05	0.34
2,203.00	12.04	318.37	2,176.18	204.54	-194.24	281.91	0.84	-0.73	1.93
2,298.00	11.54	319.92	2,269.17	219.21	-206.94	301.32	0.62	-0.53	1.63
2,393.00	11.79	320.41	2,362.21	233.96	-219.25	320.52	0.28	0.26	0.52
2,485.00	12.68	318.00	2,452.12	248.71	-231.99	340.01	1.12	0.97	-2.62
2,577.00	12.82	317.35	2,541.85	263.72	-245.67	360.31	0.22	0.15	-0.71
2,669.00	12.52	316.73	2,631.61	278.49	-259.42	380.48	0.36	-0.33	-0.67
2,762.00	14.03	317.34	2,722.12	294.12	-273.96	401.83	1.63	1.62	0.66
2,856.00	14.99	315.58	2,813.12	311.18	-290.20	425.37	1.12	1.02	-1.87
2,950.00	14.90	320.03	2,903.95	329.13	-306.47	449.59	1.22	-0.10	4.73
3,045.00	13.76	320.45	2,995.99	347.20	-321.51	473.09	1.20	-1.20	0.44
3,139.00	12.89	318.41	3,087.46	363.66	-335.59	494.75	1.05	-0.93	-2.17
3,233.00	10.57	313.32	3,179.49	377.42	-348.82	513.82	2.70	-2.47	-5.41
3,315.00	11.26	315.68	3,260.01	388.31	-359.89	529.31	1.00	0.84	2.88
3,407.00	11.25	324.18	3,350.25	402.01	-371.41	547.21	1.80	-0.01	9.24
3,502.00	12.75	325.38	3,443.17	418.16	-382.79	566.84	1.60	1.58	1.26
3,594.00	13.82	323.24	3,532.71	435.31	-395.14	587.87	1.28	1.16	-2.33
3,689.00	14.95	318.65	3,624.73	453.60	-410.03	611.43	1.69	1.19	-4.83
3,782.00	14.01	317.24	3,714.77	470.87	-425.59	634.68	1.08	-1.01	-1.52
3,872.00	13.39	315.21	3,802.21	486.27	-440.33	655.98	0.87	-0.69	-2.26
3,967.00	12.37	317.91	3,894.82	501.63	-454.90	677.14	1.25	-1.07	2.84
4,061.00	11.39	314.40	3,986.81	515.59	-468.28	696.46	1.29	-1.04	-3.73
4,155.00	11.10	316.83	4,079.00	528.69	-481.11	714.77	0.59	-0.31	2.59
4,250.00	10.67	321.59	4,172.30	542.25	-492.83	732.69	1.05	-0.45	5.01

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
 Project: Duchesne County, UT
 Site: Jonah Unit H-6-9-17
 Well: Jonah Unit H-6-9-17
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Jonah Unit H-6-9-17
 TVD Reference: GL 5319' & RKB 12' @ 5331.00ft
 MD Reference: GL 5319' & RKB 12' @ 5331.00ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,343.00	11.86	325.80	4,263.51	556.90	-503.55	750.77	1.55	1.28	4.53
4,437.00	13.41	325.53	4,355.23	573.88	-515.15	771.16	1.65	1.65	-0.29
4,530.00	13.53	323.97	4,445.67	591.57	-527.65	792.69	0.41	0.13	-1.68
4,622.00	13.83	319.77	4,535.06	608.66	-541.08	814.40	1.13	0.33	-4.57
4,715.00	13.35	319.34	4,625.46	625.30	-555.26	836.24	0.53	-0.52	-0.46
4,809.00	13.08	319.66	4,716.97	641.64	-569.21	857.73	0.30	-0.29	0.34
4,903.00	11.75	319.54	4,808.77	657.03	-582.31	877.93	1.42	-1.41	-0.13
4,994.00	11.01	320.47	4,897.98	670.78	-593.85	895.88	0.84	-0.81	1.02
5,087.00	10.35	320.43	4,989.37	684.07	-604.83	913.11	0.71	-0.71	-0.04
5,178.00	10.00	319.63	5,078.93	696.39	-615.15	929.18	0.41	-0.38	-0.88
5,271.00	9.23	321.10	5,170.63	708.34	-625.07	944.70	0.87	-0.83	1.58
5,365.00	9.51	321.57	5,263.37	720.30	-634.63	959.98	0.31	0.30	0.50
5,460.00	10.00	314.93	5,357.00	732.27	-645.35	976.05	1.29	0.52	-6.99
5,554.00	9.65	315.82	5,449.62	743.68	-656.62	992.07	0.41	-0.37	0.95
5,649.00	9.47	315.56	5,543.30	754.97	-667.64	1,007.83	0.19	-0.19	-0.27
5,742.00	8.74	316.01	5,635.13	765.52	-677.90	1,022.53	0.79	-0.78	0.48
5,835.00	8.52	316.94	5,727.08	775.64	-687.51	1,036.48	0.28	-0.24	1.00
5,959.00	8.35	319.17	5,849.74	789.16	-699.67	1,054.66	0.30	-0.14	1.80
6,053.00	7.79	315.00	5,942.81	798.83	-708.64	1,067.85	0.86	-0.60	-4.44
6,148.00	7.81	313.16	6,036.93	807.80	-717.90	1,080.70	0.26	0.02	-1.94
6,196.00	7.52	311.01	6,084.50	812.09	-722.65	1,087.06	0.85	-0.60	-4.48
6,254.00	7.52	311.01	6,142.00	817.07	-728.37	1,094.59	0.00	0.00	0.00

Targets

Target Name

- hit/miss target

- Shape

Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00	0.00	5,200.00	709.00	-629.00	7,195,069.17	2,046,473.60	40° 3' 47.687 N	110° 2' 56.821 W

H-6-9-17 Target
 - survey misses target center by 3.20ft at 5300.46ft MD (5199.71 TVD, 712.04 N, -628.04 E)
 - Circle (radius 75.00)

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
374.00	373.95	-2.93	-4.48	First MWD Survey
6,254.00	6,142.00	817.07	-728.37	Projection to TD

Checked By: _____ Approved By: _____ Date: _____